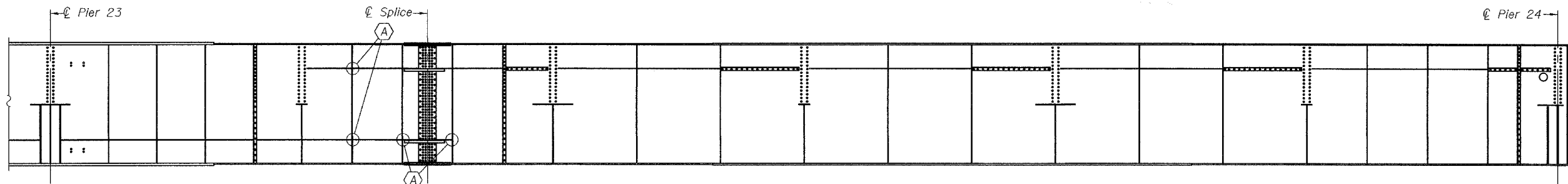


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		Rock Island	6	6
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

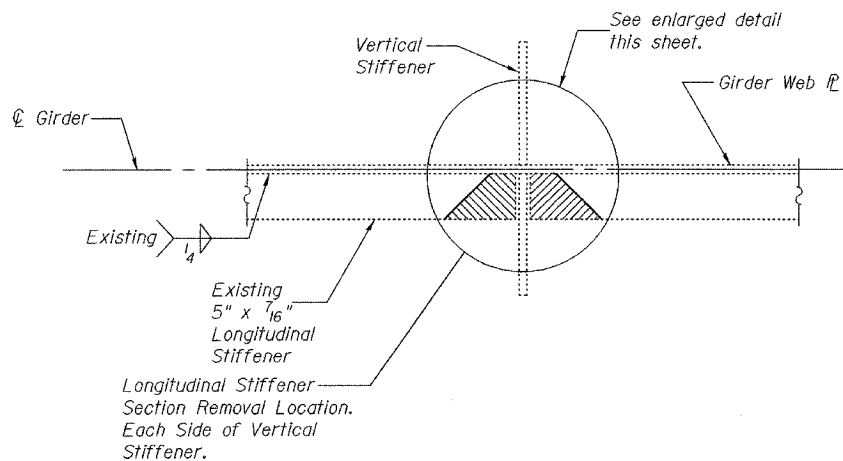
SHEET NO. 4
4 SHEETS
64803



NORTH GIRDER

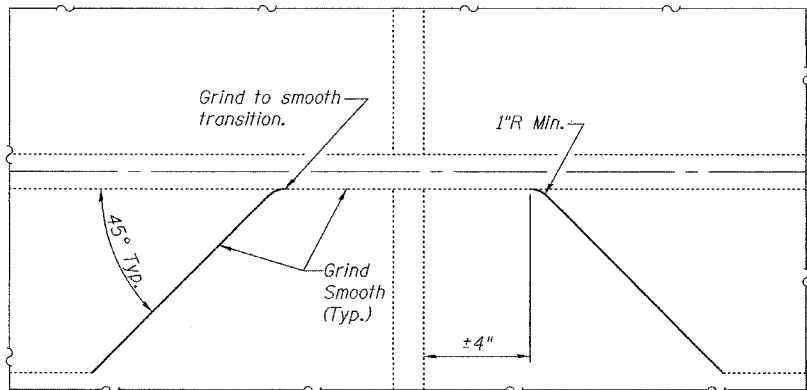
(Looking North)
(South Girder Opp. Hand)

(A) Stiffener Intersection Modification
See Details on this sheet.



REPAIR DETAIL

Hatched area indicates section removal.
(Showing 2 Locations)



Procedure for Repair Detail

1. Cut existing longitudinal stiffener $\pm 4"$ from face of vertical stiffener and along web as shown, with a 1"R (Min) at Web. Equipment and method of cutting shall be approved by the Engineer. Any method of removal to be used shall ensure that no damage is done to the existing web, vertical stiffener or welds connecting these elements.
2. Remove material between cut and web by grinding and grind smooth at web surface to the satisfaction of the Engineer. Grinding equipment shall be approved by the Engineer. The grinding operation should not gouge the girder web \mathbb{R} .
3. Remove all burrs from cut end of stiffener. Cut surface shall be ground smooth to the satisfaction of the Engineer.
4. The web surface at the modification shall be inspected using dye penetrant or magnetic particle (MT) methods. Any cracks found shall be identified and reported to the Bureau of Bridges and Structures for further disposition.
5. The exposed steel surfaces shall be cleaned and painted using an aluminum epoxy mastic primer.

Each 4" stiffener removal area is to be considered as one retrofit. Accepted above referenced work will be paid for at the contract unit price each for Stiffener Intersection Modification, which price shall include all materials, equipment, labor, cleaning and painting.

Note:
Cost of grinding and testing shall be included with Stiffener Intersection Modification.

DESIGNED	A.T.H.
CHECKED	J.S.B.
DRAWN	Drew Christopher
CHECKED	A.T.H. J.S.B.

August 26, 2004
EXAMINED <i>John A. Morris</i> ENGINEER OF STRUCTURAL SERVICES
PASSED <i>Ralph E. Anderson</i> ENGINEER OF BRIDGES AND STRUCTURES

GIRDER ELEVATION
F.A.I. RT. 80
ROCK ISLAND COUNTY
SN.081-0011